# CURRENT SITUATION OF DEVELOPING LEADERSHIP CAPACITY IN APPLYING INFORMATION TECHNOLOGY IN TEACHING AT ETHNIC MINORITIES BOARDING LOWER SECONDARY SCHOOLS IN THE CENTRAL HIGHLANDS REGION IN THE CURRENT PERIOD

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*Research on leadership competencies in application of information technology in teaching in lower secondary schools in general and especially in ethnic minorities boarding lower secondary schools in the Central Highlands region in particular is very important and necessary. However, up to now, there has been no research on the situation of leadership capacity development in the application of information technology in teaching in the Central Highlands region's boarding lower secondary schools for ethnic minorities.*

*The author of the article has focused on the study of the current state of school leadership capacity, the status of leadership capacity in applying information technology in teaching at ethnic minority boarding lower secondary schools in the Central Highlands region, factors affecting leadership capacity to apply information technology in teaching at boarding lower secondary schools for ethnic minorities in the Central Highlands region and a general assessment of the status of leadership capacity development in the application of information technology in teaching in the Central Highlands region's lower secondary schools for ethnic minorities.*

**Từ khóa:** Leadership competence, leadership competence in applying information technology in teaching; Developing leadership capacity in applying information technology in teaching; Ethnic minorities boarding lower secondary schools; Central Highlands region.

## 1. Introduction

School leaders in the 21st century demand new knowledge, skills, and ethical qualities. They need to be capable of applying IT in teaching. The capacity of school leaders to apply IT and the regulations on their role and functions of leadership in IT application is one of the focus today when talking about leadership competencies of school leaders. learning in the 21st century. Leadership in applying IT in teaching is reflected in all their management and leadership activities from perspective building to planning, communication, direction and evaluation. The leader of IT application facilitates the widespread use of technology facilities, allowing learners to learn anytime, anywhere, changing the way of learning and communication between learners and teachers;

Teachers have new ways to deliver lessons and assess learners. The leader of IT application offers many strategies and creates many opportunities for teachers and learners to use technology to improve the quality of learners' learning, enhance the competitiveness of the school.

The application of IT in teaching at the ethnic minorities boarding lower secondary schools in the Central Highlands has initially achieved certain results. However, the effectiveness of IT application in the ethnic minorities boarding lower secondary schools is still limited, inadequate and asynchronous. The cause of this situation, including the causes of the leader factor: IT application policy has not been properly implemented; Some leaders have inadequate awareness of IT application in the ethnic minorities

boarding lower secondary schools or because their qualifications and ability to grasp IT application are limited, so they have not been able to guide the school, teachers, students are fully aware of the role and significance of applying IT in teaching.

For the above reasons, the author chose the issue "Current situation of developing leadership capacity in applying IT in teaching in the ethnic minorities boarding lower secondary schools in the Central Highlands region in the current period and the raised issues" as the research topic.

## 2. Methodology and Research Methods

### 2.1. Methodology

The thesis uses the methodology of dialectical materialism and historical materialism for research.

### 2.2. Research Methods

Group of theoretical research methods, Group of practical research methods; Support methods

## 3. Overview of the research problem

John C. Maxwell (1993), this is a research book on "Leadership Development". In this research, he has shown the necessary leadership skills of a leader such as: Influential skills; skills of choosing according to the order of priority; Problem-solving skills; skills to create positive change; Human resource development skills… and contain the unchanging and enduring principles that anyone who wants to become a great leader must also apply and practice.

John C. Maxwell (1998), this study mentions "21 golden principles of leadership". In which there are some typical principles such as: Leadership determines the level of effectiveness; The most accurate measure of leadership is influence; leadership develops day by day, not day by day; anyone can steer the ship, if someone has a navigation command; when the real leader spoke, everyone listened; Faith is the foundation of leadership… with this study, the author has highlighted the importance of 21 principles in the art of leadership. The author points out that principles are fundamental to leadership; the principles can stand alone but have a complementary effect.

Richard L. Hughes, Robert C. Ginnett and Gordon J. Curphy (2009), "Leadership". In this study, the authors have pointed out that: Leadership is a process, not a position; leadership is everyone's job; leadership involves the interaction between leaders, subordinates and the situation; leadership is developed through experience and the educational process; power and influence; characteristics of leadership; leadership behavior; leadership skills…

besides, research also emphasizes the importance of setting goals, conducting meetings, negotiating, resolving conflicts in groups, and handling individual stress...

Warren G. Bennis (2009), this study presents the importance of self-confidence, foresight, ethics, intuition, and trust in intuition that are essential for leaders. The author emphasizes that the leader needs to learn from everything, but most of it is from his own experience. They also need to learn from adversity and mistakes made. They learn to lead in the process of leading themselves.

Author Nguyen Huu Lam (1997), "The Art of Leadership", Education Publishing House. In this research, the author mainly analyzes the qualities, styles and skills required of a leader. At the same time, the author also pointed out that: Leadership is associated with power and influence; Leaders must be situational and always be quality.

Nguyen Thi My Loc (2009), "School manager and leaders of the twenty-first century", Hanoi National University Publishing House. In this study, the author emphasized:

- The 21st century school must be built on the foundation of information and communication technology and be operated in the new conditions of the development of economic, political and social movements of the country and the worl: globalization trends, the explosion of information and communication technology, the impact of the market economy...

- The teaching processes, communication activities, and management functions to be highly effective must be based on information technology. Therefore, the leader requires knowing and proficient in information and communication technology to be able to manage and lead well.

- In the part "the basics of school management and leadership in the twenty-first century", the author has analyzed and clarified the direction of curriculum innovation and teaching methods towards increasing the use of technology. Information Communication.

Tran Thi Bich Lieu (2011), "ICT education policy and standards". In this study, the author outlined the 21st century educational leadership skills:

The 21st century education leader uses technical skills to direct and manage 21st century schools: a digital school with a team of teachers and students proficient in IT skills, just Curriculum direction and teaching takes place in a digital environment, performing management functions through technical means. In the 21st century, educational leaders must

have the creative capacity to change themselves and change schools in accordance with the rapidly changing environment of information technology society. They have an understanding and a global vision, not only having IT skills like ordinary citizens but using these skills to lead, manage and create.

Through the above studies, the authors have pointed out the school leadership role "the leader has an important role as a model using IT in schools"; the request of the school leaders "leaders need to know and be proficient in information technology to be able to manage and lead well"; "They have an understanding and a global vision, not only having IT skills like ordinary citizens but must use these skills to lead, manage and create".

Leadership in applying information technology to teaching is not a new issue in the field of management. Especially, nowadays, in the context of fundamental and comprehensive innovation in Education and Training, the context of industrial revolution 4.0, the strong international economic relations between countries, the more problems arise. matters needing attention. This is a broad and complex issue with a large impact, requiring a combination of approaches.

### The "gaps" need to be further studied

Previous studies have studied a lot on the application of IT in teaching and management, much research on leadership capacity and leadership development. However, studies focusing on leadership capacity in education, especially leadership competency in applying IT in education are mostly left empty:

*On theoretical basis*

First, studies show the concept of competence in terms of staff development and planning approaches.

Second, there exists only the concept of leadership capacity in enterprises and public administration areas, but there is no concept of leadership capacity in applying information technology in teaching.

Third, leadership theories in general do not clearly highlight the specific characteristics of school leadership, especially leadership competencies in IT application.

*On a practical basis*

Firstly, the studies published in Vietnam do not have many authors who have studied in-depth leadership competencies as well as leadership development development models applying information technology in teaching. In particular, there are no studies that focus on leadership capacity

of IT application in teaching in high schools in the Central Highlands region in the current period.

Second, there is no research on leadership capacity development in teaching application of information technology.

Third, there are not enough studies on leadership development solutions for applying information technology in teaching in general and in boarding schools in the Central Highlands region in the current period. private.

## 4. Research content

### 4.1. Survey purpose

Survey the status of leadership capacity in applying IT in teaching; developing leadership capacity in applying IT in teaching in the current context and factors affecting the development of leadership capacity in applying IT in teaching in high schools in the Central Highlands region, evaluating the achievements its reasons, limitations and causes to build a practical basis for proposing solutions.

### 4.2. Objects of survey

Surveyed subjects selected include: Leaders of Education and Training Department; The administrators and teachers of the high schools in the Central Highlands region.

The total number of managers and teachers participating in the survey is 579 people, divided by regions and specific subjects.

### 4.3. Method of survey

The author builds a sample questionnaire. Send the form to survey participants to answer the questions designed in the questionnaire.

The questionnaire is designed for both administrators and teachers. In which, the author collects personal information such as working place, position, working years, seniority of management, professional qualifications. This information allows research topics to capture specific subjects. The questionnaire consisted of open and closed questions.

### 4.4. Survey content

The author focused on surveying the following specific contents:

- Survey the status of leadership capacity in applying IT in teaching in the high schools of the Central Highlands region.

- Surveying the status of leadership capacity development in applying IT in teaching in the high schools of high schools in the Central Highlands.

- Surveying the status of factors affecting leadership capacity development in IT application.

**4.5. The status of leadership capacity in applying IT in teaching in the ethnic minorities boarding lower secondary schools of the Central Highlands region.**

*4.5.1. Capacity in formulating strategies to develop and apply information technology in teaching*

The survey results show that: The necessary level of capacity to develop strategy for developing and applying IT in teaching is highly appreciated by administrators and teachers; meanwhile, the level achieved is generally level 3, the average level.

In the capacity to develop strategies and develop the application of IT in teaching, the capacity to define an IT development vision is considered to be essential with GPA 3.65, ranking No. 1 in 4 capacity building. building the development strategy of the private sector. In addition, the concretization of that vision into specific content and policies to develop as well as attract the synergy of teachers and students in the construction and implementation of IT development policies. is also highly appreciated for its level of need. The GPA of these two contents is above 3.5. It can be said that the leadership competency in applying IT in teaching at high schools for high schools is not only reflected in the general vision, but also must be concretized, reflected in each policy, implementation regulations as well as attraction , gathering the strength of teachers and students to accomplish that common goal. Only on the basis of concretizing the general vision into regulations on IT development, encouraging teachers and students to participate in the implementation, can the strategic vision really be effective without falling into lack of practice. Therefore, the aforementioned contents all have high assessment of necessity.

*4.5.2. The capacity to develop the contingent of teachers capable of applying information technology in teaching*

The survey results show that the capacity to develop a contingent of teachers capable of applying IT in teaching has a clear difference between the level of necessity and the level of implementation (GPA 3.38 and 2.52). In terms of necessity, the capacity to develop a contingent of teachers capable of applying IT in teaching is most demonstrated in creating conditions to encourage teachers to participate, support and guide teachers in IT application, build fostering training programs. These contents are rated at positions 1, 2 and 3 of the given contents and have an overall GPA of over 3.5. That shows the importance of encouraging and supporting teachers, fostering teachers in applying IT in teaching. In

fact, not everyone is trained in informatics during their work or work, or have a deep understanding of information technology. Therefore, the support for teachers as mentioned above is very necessary. This result is also an important suggestion for people in education management in the current IT deployment in schools.

In terms of results: There are not many good results and many options are just average.

*4.5.3. Competence to motivate and guide teachers to apply information technology in curriculum development subject*

Survey results show that, the Principal's expression of understanding the difficulties of individual teachers about applying information technology in teaching has got better results and there is no big difference in rank in the manifestation between the degree of necessity and the result achieved. The capacity with the highest results in the necessary degree column is "Understanding the difficulty of individual teachers in applying information technology". As we have analyzed in the previous content, not everyone is trained in IT; On the other hand, many teachers are old so their ability to use IT is limited.Therefore, the application of IT in teaching, using materials... is a relatively clear difficulty for them. Therefore, the ability to understand the difficulties of teachers in IT application is assessed by administrators and teachers as essential, with the highest GPA. In addition, building a cooperative relationship between IT teachers and other professional teachers, encouraging teachers to use IT in the assessment of learning outcomes are also highly valued competencies in terms of need. set. This is an important basis for managers to grasp teachers' aspirations, assessment, and build a harmonious relationship between teachers to most successfully apply IT in teaching and learning in-home. school.

*4.5.4. The capacity to build a learning environment that encourages the use of IT in students' learning activities.*

From the survey results, we can see that the 3 contents with the highest position, in the very necessary assessment range are all related to the capacity to build living space, designing learning environment, and having classes. IT application equipment, free internet access. In current conditions, it is completely normal to have a learning environment, classrooms, living spaces, to use the Internet, apply IT in life and study. These are the basic conditions for the students' lives, work, and studies to be guaranteed and implemented in a normal manner. From that, we can see that these

are important needs and require leaders to pay more attention and fulfill these legitimate desires and aspirations. It can be said that leadership capacity in applying IT in teaching is evident when leaders realize and fulfill these requirements.

*4.5.5. Competence to influence teachers to apply IT in teaching*

Survey results show that: managers and teachers have a large difference in each manifestation in the necessary level and the attainment level of the capacity to influence in promoting the application of IT in teach the teacher.

As the school head, the role of the leader is evident in the ability to influence teachers to follow them. In this case, it is the use of IT in teaching. The research results shown in the data sheet show that the content of the leader must be an example in using and leading IT application in teaching to receive the highest results on necessity, GPA 3.51, Position 1. Also from the example of a leader in work, they can inspire teachers in the school in all assigned jobs, specifically here is the application of IT in career activities mine. This content is ranked No. 2, opening a very necessary level, GPA 3.41. These results reflect properly the role of orientation, leading by their prestige, of the school leaders in UDCNTT.

*4.5.6. Competence to test and evaluate the results of teaching and applying IT activities*

In order to ensure effective implementation of IT in teaching, principals also need to develop their capacity to test and evaluate the results of teaching and applying IT activities. It can be said that this is an important element of the principal's ability to lead the ICD. Survey data shows that this is the necessary capacity of principals in high schools in the Central Highlands region and the performance results are generally average.

Considering the IT application testing and evaluation capabilities in the necessary level column, we see that the only content with the GPA in the "very necessary" range is "Directing the development of standards, evaluation criteria. performance ", medium score 3.51, position 1. It can be said that the principal is always associated with the task of directing all aspects of the school's activities. From the perspective of examining and evaluating IT applications, that direction must be done based on the identification of evaluation criteria. Only on the basis of the clearly defined criteria and criteria in the assessment, can the assessment take place objectively, without emotion, to properly represent the role and authority of the leader.

*4.5.7. Management capacity conditions ensure effective IT application in teaching*

In addition to management activities related to people, management leadership capacity in the application of IT in schools is also shown in the aspect of managing facilities and facilities, finding resources for construction. and IT application in schools. Research results shown in the data sheet on this issue show that building and maintaining internet-connected infrastructure has high results in both the necessity and the attainment level. IT application can only be achieved when the equipment system and connected infrastructure are ensured. The assessment results at a very necessary level show that the respondents are fully aware of this issue. Likewise, an achievement in the good rating range (out of 3.4) indicates that the school's leadership has done well in this activity.

*4.5.8. Capacity to build relationships between the school, family and community in the development and application of IT in teaching*

Survey results on the capacity to build relationships between schools and society in the category of necessity, the 3 contents with the highest GPA related to the development of partners maintaining and supporting the school in the application IT, empowering vice principals and team leaders, to share responsibility for management and publicity of school operations on the Web. It can be said that these are 3 very important contents to ensure the connection of the school and the society in general. Any school or organization or agency also needs to have partners to support and provide internet-related services. In the same way, for effective management, school principals can share management responsibilities with others. In the current internet age, the public teaching and learning activities of the school so that parents, students and society in general can access and learn about school information. Analyzing these activities to see the necessity and reasonableness in assessing and recognizing the role and capacity of school principals in leading IT application in teaching.

**4.6. Current situation of leadership capacity development in applying IT in teaching in the ethnic minorities boarding lower secondary schools of the Central Highlands region in the current context**

*4.6.1. Develop a leadership development plan for IT application leadership in teaching in the ethnic minorities boarding lower sencondary schools in the Central Highlands region in the current context.*

The above survey results show that: Building leadership capacity development plans for applying IT in teaching for principals in the ethnic minorities

boarding lower secondary schools in the Central Highlands region is necessary. The most appreciated content is the projected resources (human, financial, material) for leadership development in applying IT in teaching, GPA 3.64. Obviously, if we want to develop leadership capacity in applying IT in teaching, but the conditions and resources are not guaranteed, it is difficult to implement and deploy.

*4.6.2. Organizing training and fostering leadership competencies in IT application in teaching in high schools in the Central Highlands region in the current context*

The survey results show that: there is a difference between the results needed and the results achieved in training and training leadership competencies in applying IT in teaching. While the average score of the 8 items in the necessary level column is 3.34, the achievement level column is only 2.40. The results show that the training and fostering of leadership competencies in applying IT in teaching are weak and need to be done more effectively.

*4.6.3. Examining and supervising the implementation of leadership capacity development in application of information technology in teaching in high schools in the Central Highlands region in the current context*

The survey results show that, in terms of necessity, 4/5 inspection contents and supervision of the implementation of leadership capacity development in IT application in teaching in high schools in the Central Highlands region all have GPA. greater than 3.4 is very necessary. That further confirms the need for this activity in practice.

*4.6.4. Implementing leadership capacity development policies for IT application in teaching in high schools in the Central Highlands region in the current context*

The survey results show that: contents related to advising leaders at all levels on leadership capacity development in IT application for principals; implementing the management and supporting the principal to participate in training courses... all have high GPA and high rankings. Located in the very essential range. In the position of a school manager, the leaders of the education departments are both advisors to higher leaders in terms of staff training policy, and also the person implementing this policy when participating in the training and retraining courses to improve their leadership capacity. Therefore, the good implementation of the above tasks is essential.

*4.6.5. Motivating principals to develop leadership competencies for IT application in teaching in high schools in the Central Highlands region in the current context*

Motivating principals is one of the most important aspects of leadership development in applying IT in teaching. Factors such as mechanisms and policies, planning, monitoring, training and retraining are all external aspects of the capacity development process of principals. It is important that the principal himself has the motivation to develop leadership competencies in IT application or not. Can the Department of Education and Training and management levels create motivation for principals to develop leadership competencies in IT application? Therefore, creating motivation for principals in work in general and leadership development in applying IT in teaching in particular should always be considered as the most important factor, the most decisive factor for success or failure. of this work.

***4.7. Current situation of factors affecting leadership capacity development in IT application in teaching in high schools in the Central Highlands region***

*4.7.1. The element belongs to the Department and the Department of Education and Training*

The survey results show that all 3 factors related to the Department of Education and Training are assessed to have a lot of influence on the development of leadership capacity in applying IT in teaching in high schools of the Central Highlands region. In which, the attention and support of the Department and the Department of Education and Training has the highest GPA: 3.67. As we have seen in the previous content, the support of management levels is very important to create the motivation for school principals to develop leadership skills in general and leadership. IT application guidelines in particular, investing in technical facilities and equipment, increasing autonomy... Therefore, the survey results of influencing factors here also emphasize the role of the Department of Education and Training. . This result once again shows the most important factors affecting the success of leadership capacity development in applying IT in schools.

*4.7.2. Factors belong to the Principal of the High Schools*

The survey results show that: all factors related to the role of principals in developing leadership competencies in applying IT in schools have high results, at a very high level of influence. This shows that the principal's role in the above activity has been clearly recognized and pointed out.

Among the 5 contents related to the principals in

the Central Highlands region, the vision and strategic thinking with IT development in the school's teaching activities had the highest GPA, 3.65. In the position of head and organization, directing all activities, it can be said that the principal's role is most clearly shown in their vision and strategic thinking. Which direction the school develops in any direction depends a lot on the principal's thinking and long or short vision. Therefore, it has a great influence on the development of IT in teaching in their schools. In addition to the above vision and thinking, the principal's awareness of the important role of IT application in teaching and learning are also very important factors. The GPA of these two contents is also above 3.4 and ranked 2 and 3.

### 4.7.3. Factors belonging to the management environment and conditions

Survey results on influencing factors related to management conditions and environment affecting leadership capacity development in teaching technology in high schools in the Central Highlands region show that: among factors This has a clear differentiation in the level of influence. In which, factors related to the infrastructure of the floor for IT application, the school's striving goals and the support of families and communities in IT application activities have the most powerful influence. As we have analyzed in the previous sections, infrastructure for IT development is the physical foundation of IT application activities, likewise, the school's striving goal is the orientation as the in the development process; At the same time with that process, the participation of the community, service providers, the consensus of students' families ... are all important aspects to participate in the effectiveness of leadership in IT application. in school.

### 4.8. Overall assessment of the status of leadership capacity development in IT application in teaching in high schools in the Central Highlands region

### 4.8.1. General assessment of the current situation

The application of IT in high schools in the Central Highlands region has now been deployed in many aspects of the educational process. Through the survey of the current situation, the postgraduate found that the actual situation of IUDs in teaching of teachers is shown quite clearly in designing, composing lesson plans using the IUDs (GPA 3.3), using Interner in searching documents ( GPA 3.2), using IT in learning outcomes management (3.70). However, on the other hand, the results are very low, such as the IETR in student learning (GPA 1.64). The overall average score of all aspects of the status of IT application is only 2.60 and 2.44. This is in the low-performing level and the results are average. This result shows the need to strengthen the IUDs in the current Central Highlands region.

### 4.8.2. Some strengths and limitations in the development of information technology in the high schools for high schools in the Central Highlands.

In terms of advantages, through the survey of the situation, we can see that all surveyed schools have applied IT (such as in managing students' learning results, teachers looking for documents on the Internet). Technical floors serving the leadership of IT application in teaching are also guaranteed. This is clearly an important prerequisite for school activities. Currently, the development of science and technology, technology revolution 4.0 with tools working on the internet plays a role as a broad context of development. From this wide context, the school's activities in teaching and learning, operating general work...are associated with and require the development of IT. This is the premise and also the objective reason to promote the development.

On the other hand, although the capacity is only at an average level, through the actual survey, it can be seen that managers and teachers are aware of the necessity of applying IT in their work. Obviously, these are intrinsic factors of leadership capacity development in school IT application.

It can be said that the success of the principals' IT application leadership development is a long-term process that requires the development not only of the school, society, management levels but also themselves. the principal's efforts and sense of learning. The clarification of the development situation, the influencing factors mentioned above, the cause of that success is the basis for us to make timely and correct measures, policy proposals and advice, have a more scientific basis.

In terms of limitations and reasons, besides the successes, the research topic also pointed out the shortcomings in the development of leadership capacity in IT application in high schools in the Central Highlands in the current period. The biggest limitation related to the leadership capacity of IT application of principals has not yet met the requirements, mainly at the average level, present and weak as indicated above. In addition, the level of local socio-economic development with mountainous characteristics makes it difficult for the IT development process in general and the ability to take advantage of IT application in teaching in particular.

### 5. Discussion

A question is: Does IT application really

innovate curriculum and teaching methods?

This depends on the qualifications of the leader. The leaders who do not have the capacity to apply IT will inhibit the development of IT application and thereby the innovation of curriculum and teaching methods. On the contrary, a leader who is capable of applying IT, has the ability to build an IT application development perspective will promote the development of IT application and thereby promote the innovation of curriculum content and teaching methods. learn.

Which measures to develop leadership capacity applying IT in teaching?

Is the school administration staff fully equipped with IT leadership competencies? In fact, the new research shows the necessary requirements, needs to be achieved on the IT application capacity of leaders, but no in-depth research on the ability of school leaders in promoting push IT applications in schools.

## 6. Conclusion

Through the survey of 579 managers, leaders of Education and Training; The administrators and teachers of the high schools in the Central Highlands region, the results showed that: The leadership capacity development in IT application for the principals of high schools in the Central Highlands has been interested in developing many aspects from the latitude tissue, strategy to specific activities. Through the analysis of the status of leadership in applying IT in schools, it can be seen that the leadership managers in the schools have responded quite well to the requirements of the job, requirements in terms of leadership capacity. direction with the application of IT in teaching. This is also an important premise for principals to continue promoting and further developing leadership competencies in applying IT in their teaching. In the aspects of leadership activities, management of IT application, the aspect of testing

and evaluating teaching results of IT application also needs to continue to improve and develop more. In addition, the mobilization of social resources for the school's IT development, increasing interaction with related organizations and elements by communicating about school activities, paying attention to the safety safety, network security... are specific issues that school leaders still need to pay attention to in order to improve leadership in their IT application.

Developing leadership competencies in applying IT of principals is one of the most important factors leading to the success or failure of applying IT in schools. The results of this study clearly reflect the difference between the requirements posed and the capacity development level of the head. Besides, in order for the leaders' competencies in the IT field to be constantly developed, the decentralization and division of roles in testing and evaluation; the support in fostering activities at all levels of management with the principal; Attention to the specific local socio-economic factors for the most appropriate development...has been clearly shown in this study.

Research on the current situation of developing leadership capacity in IT application of principals in junior high schools in general and especially in high schools in the Central Highlands is very important and necessary. The research results of this situation have not only indicated the current situation of the leadership capacity of IT application leadership in teaching of the principals of high schools in the Central Highlands region, but also indicated its development manifestations. It can be said that this is the basic perspective to be able to make decisions, support the most important aspects, and overcome the existing points for leadership in applying IT in teaching, the Ethnic Minorities Boarding Lower Secondary Schools of the Central Highlands region have been implemented more effectively.

**References**

Bennis, W. G. (2009). *On Becoming a Leader* (3rd ed). 20th Anniversary Edition. Basic Books.

Cuong, D. M. (2008). *Curriculum on Applying Information Technology in Teaching*. Ho Chi Minh City National University Publishing House.

Hien, T. T. P. (2013). *Leadership of Vietnamese CEOs - Research in Hanoi*. Doctoral thesis, Hanoi.

Hoa, P. D., & Son, N. Q. (2008). *Applying Information Technology in Active Teaching - Learning*. Hanoi: Education Publishing House.

Hoa, P. D., & Son, N. Q. (2011). *Teaching method and technology in interactive pedagogical environment*. Hanoi: Pedagogical Publishing House.

Hoa, P. D., & Son, N. Q. (2016). *Teaching method and technology in interactive pedagogical environment* (1st ed). Hanoi: Pedagogical Publishing House.

Hughes, R. L., Ginnett, R. C., & Curphy, G. J. (2009). *Leadership*. McGraw - Hill Education.

Lai, D. T. (2007). *Applying information technology in teaching in high schools*. Vietnamese Information, Educational Strategy and Program Institute.

Lieu, T. T. B. (2011). *ICT education policy and standards*.

Maxwell, J. C. (1993). *Developing the Leader Within You*. Thomas Nelson.

Maxwell, J. C. (1998). *The 21 Irrefutable Laws of Leadership*. Thomas Nelson.

Ministry of Posts and Telecommunications. (2006). *Information and Communication Technology (ICT) in education*. Postal publisher.

Teck-Daniel, O. C. (2007). *Information Technology in Education, Public Project information technology in education and school management-ICTEM*.

Triem, L. C., & Vu, N. D. (2006). *Application of information technology in teaching*. Education Publishing House.

# THỰC TRẠNG PHÁT TRIỂN NĂNG LỰC LÃNH ĐẠO ỨNG DỤNG CÔNG NGHỆ THÔNG TIN TRONG DẠY HỌC Ở CÁC TRƯỜNG PHỔ THÔNG DÂN TỘC NỘI TRÚ KHU VỰC TÂY NGUYÊN TRONG GIAI ĐOẠN HIỆN NAY

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**Tóm tắt**

Việc nghiên cứu về năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học ở các trường trung học cơ sở nói chung và đặc biệt ở các trường phổ thông dân tộc nội trú trung học cơ sở khu vực Tây Nguyên nói riêng là rất quan trọng và cần thiết. Tuy nhiên cho đến nay chưa có công trình nghiên cứu về thực trạng phát triển năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học ở các trường phổ thông dân tộc nội trú trung học cơ sở khu vực Tây Nguyên.

Tác giả bài báo đã tập trung vào việc nghiên cứu thực trạng năng lực lãnh đạo nhà trường, thực trạng năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học ở các trường phổ thông dân tộc nội trú trung học cơ sở khu vực Tây Nguyên, các yếu tố ảnh hưởng đến năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học ở các trường phổ thông dân tộc nội trú trung học cơ sở khu vực Tây Nguyên và đánh giá chung về thực trạng phát triển năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học ở các trường phổ thông dân tộc nội trú trung học cơ sở khu vực Tây Nguyên.

**Từ khóa**

Năng lực lãnh đạo; Năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học; Phát triển năng lực lãnh đạo ứng dụng công nghệ thông tin trong dạy học; Trường phổ thông dân tộc nội trú trung học cơ sở; Khu vực Tây Nguyên